

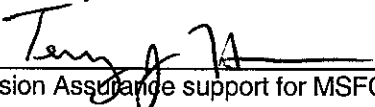


S&MA Mission Services Task Directive

Control No. 0073	ORG No.: QS20	PROJECT CODE: Sh-Shuttle Assurance	Contract No. NAS8-00179
Originator's Signature: Alex Adams 		Date:	Originator's Priority: High
Office Manager's Signature: Alex Adams 		Date: 6-26-02	
COTR's Approval: 		Date: 8-19-02	
Subject: Safety & Mission Assurance support for MSFC Space Shuttle Projects – Shuttle Assurance			
Task Description: <u>Project Assurance (PWS Section 8.0)</u> <ol style="list-style-type: none"> 1) Coordinate contractor activities with S&MA Shuttle Assurance and project team leads to assure proper execution of S&MA project requirements 2) Provide expert advice on S&MA topics for team meetings, technical interchange meetings, problem investigation and other routine project meetings 3) Participate in milestone reviews, data reviews and safety reviews 4) Provide assessments of flight readiness in support to S&MA for PAR's and element COFR's, including technical issue resolution and status of COQ's, FMEA/CIL's and Hazards 5) Track action items and issues resulting from team meetings, milestone reviews and flight readiness activities and recommend dispositions 6) Participate, as requested, in postflight assessment of the SRB and RSRM hardware at KSC and occasionally at Thiokol 7) Operate the MSFC S&MA Prelaunch Assessment Center for each PAR, PAR Tag-up and PMMT (L-2) PAR Tag-up including dry runs for ET/SRB Mate Reviews and Orbiter Rollout Reviews. 8) Coordinate the Center Director's Shuttle Technical Issues Briefings (TIB) 9) Coordinate the development of Fault Tree Analysis (FTA) performed by discipline - (if deemed necessary; if not in-house then contractor may perform) <u>S&MA Management Information (PWS Section 7.0)</u> <ol style="list-style-type: none"> 1. Administer the S&MA delegated agency data, which includes annual forecasts, midyear updates, and monthly data reduction 			

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Deliverables:

Project Assurance

- 1) Provide periodic status of functional discipline support to project in form of matrix
- 2) Coordinate development of PAR one page assessments and presentations
- 3) Flight Readiness/PAR data as applicable
- 4) Action item tracking log
- 5) On-line schedule for PARs and COFRs

Schedules/Duration:

- 1) Support schedules as defined by the Project
- 2) Through duration of contract

Resource Estimate:

(b)(4)

Report Progress To: *S&MA Project Lead*

Michael Kennedy

Frequency of Report:

Weekly